



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/919,733	07/31/2001	Scott D. Sturgeon	10014834-1	4329

7590

07/14/2003

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NGHIEM, MICHAEL P

ART UNIT

PAPER NUMBER

2863

DATE MAILED: 07/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/919,733

Applicant(s)

STURGEON ET AL.

Examiner

Michael P Nghiem

Art Unit

2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-10 and 13-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-8 and 16-20 is/are allowed.
- 6) ☒ Claim(s) 9, 10, 13-15 and 21-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

The Amendment filed on April 30, 2003 has been acknowledged.

Withdrawal of Allowability

1. The indicated allowability of claims 9, 10, 15, and 21-31 are withdrawn in view of the newly discovered reference(s) to Swanson et al. (US 5,646,665). Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

- (e) the invention was described in-
 - (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
 - (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

Claims 9, 10, 13-15, and 21-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Swanson et al. (US 5,646,665).

Art Unit: 2863

Swanson et al. discloses all the claimed features of the invention including:

- an inkjet printer (10) comprising:

- a chassis (body of 10);

- a motor (motor driving 12);

- a carriage (12) operably secured to the chassis and driven by the motor for reciprocal movement relative to the chassis (Fig. 1);

- a mechanism (Fig. 4) for ensuring correct installation of a detachable printer component (20) into said printer (10) comprising:

- a detachable printer component (20) having a toe-end (front end of 20, Fig. 4) and a back end (back end of 20, Fig. 4);

- a mount (16) secured to the printer for detachably receiving the printer component by operably engaging said toe-end and said back end of said detachable printer component (Fig. 4);

- a cover (98) operably secured to said mount extending partially over said toe-end of said detachable printer component when said detachable printer component is secured to said mount (Fig. 4) defining a neutral position of the cover with respect to the mount (Fig. 4) such that in order to allow said toe-end to operably engage said mount, said toe-end must be positioned under said cover before said back end is secured to said mount (front end of 20 is under 98 before back end is secured to 16, Fig. 4), wherein said cover is pivotally secured to said mount at a pivot point and able to deflect slightly out of the cover's engaged position to facilitate installation of said

Art Unit: 2863

detachable printer component (Fig. 7) and said cover is biased to said cover's neutral position with a beam spring (96) extending between said cover and said mount (Fig. 6);

- said cover is a visually distinguishable color from the color of said mount (98 and 16 have different shades of color, Fig. 4);
- said detachable printer component is an ink reservoir (20);
- said detachable printer component is an ink/printhead cartridge (20);
- said printer component is a printhead (20);
- said cover includes a substantially planar top surface (top surface of 98) having an angled leading edge lip (108) for operably engaging the toe-end of said detachable printer component during installation (Fig. 4).

Allowable Subject Matter

3. Claims 4-8 and 16-20 are allowed.

Reasons For Allowance

4. The combination or method as claimed wherein said cover preventing said back end from operably engaging said back end engaging portion of said mount before said toe-end is pivotally secured to said toe-end engaging portion of said mount is not disclosed, suggested, or made obvious by the prior art of record.

Art Unit: 2863

R sponds to Arguments

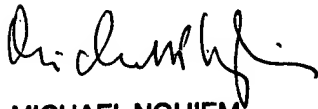
5. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Nghiem whose telephone number is (703) 306-3445. The examiner can normally be reached on M-H from 6:30AM – 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached at (703) 308-3126. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7724 for regular communications and (703) 308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



**MICHAEL NGHIEM
PRIMARY EXAMINER**

Michael Nghiem

July 2, 2003